

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 6

<b>Application Number</b>	<b>10/595066</b>
<b>Filing Date</b>	<b>August 12, 2004</b>
<b>First Named Inventor</b>	<b>Paul D. Wightman</b>
Confirmation Number	2105
Attorney Case Number	59091US005

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 4,689,338	08-25-1987	John F. Gerster	
	A3	US- 4,698,348	10-06-1987	John F. Gerster	
	A4	US- 4,929,624	05-29-1990	Gerster et al.	
	A5	US- 4,988,815	01-29-1991	Andre et al.	
	A6	US- 5,037,986	08-06-1991	John F. Gerster	
	A7	US- 5,175,296	12-29-1992	Gerster	
	A8	US- 5,238,944	08-24-1993	Wick et al.	
	A9	US- 5,266,575	11-30-1993	John F. Gerster	
	A10	US- 5,268,376	12-07-1993	John F. Gerster	
	A11	US- 5,346,905	09-13-1994	John F. Gerster	
	A12	US- 5,352,784	10-04-1994	Nikolaides et al.	
	A13	US- 5,367,076	11-22-1994	Gerster	
	A14	US- 5,389,640	02-14-1995	Gerster et al.	
	A15	US- 5,395,937	03-07-1995	Nikolaides et al.	
	A16	US- 5,446,153	08-29-1995	Llindstrom et al.	
	A17	US- 5,482,936	01-09-1996	Kyle J. Lindstrom	
	A18	US- 5,693,811	12-02-1997	Lindstrom	
	A19	US- 5,741,908	04-21-1998	Gerster et al.	
	A20	US- 5,756,747	05-26-1998	Gerster et al.	
	A21	US- 5,939,090	08-17-1999	Beaurline et al.	
	A22	US- 6,039,969	03-21-2000	Tomai et al.	
	A23	US- 6,069,149	05-30-2000	Nanba et al.	
	A24	US- 6,083,505	07-04-2000	Miller et al.	
	A25	US- 6,110,929	08-29-2000	Gerster et al.	
	A26	US- 6,194,425	02-27-2001	Gerster et al.	
	A27	US- 6,245,776	06-12-2001	Skwierczynski et al.	
	A28	US- 6,331,539	12-18-2001	Crooks et al.	

**\*Examiner:****Date Considered:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 2 of 6

Application Number	10/595066
Filing Date	August 12, 2004
First Named Inventor	Paul D. Wightman
Confirmation Number	2105
Attorney Case Number	59091US005

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number <small>Doc. Number-(Kind Code if Known)</small>	Publication Date or Issue Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A29	US- 6,376,669	04-23-2002	Rice et al.	
	A30	US- 6,451,810	09-17-2002	Coleman et al.	
	A31	US- 6,518,265	02-11-2003	Kato et al.	
	A32	US- 6,525,064	02-25-2003	Dellaria et al.	
	A33	US- 6,541,485	04-01-2003	Crooks et al.	
	A34	US- 6,545,016	04-08-2003	Dellaria et al.	
	A35	US- 6,545,017	04-08-2003	Dellaria et al.	
	A36	US- 6,558,951	05-06-2003	Tomai et al.	
	A37	US- 6,573,273	06-03-2003	Crooks et al	
	A38	US- 6,576,636	06-10-2003	Webb et al.	
	A39	US- 6,656,938	12-02-2003	Crooks et al.	
	A40	US- 6,660,735	12-09-2003	Crooks et al.	
	A41	US- 6,660,747	12-09-2003	Crooks et al.	
	A42	US- 6,664,260	12-16-2003	Charles et al.	
	A43	US- 6,664,264	12-16-2003	Dellaria et al.	
	A44	US- 6,664,265	12-16-2003	Crooks et al.	
	A45	US- 6,667,312	12-23-2003	Bonk et al.	
	A46	US- 6,670,372	12-30-2003	Charles et al.	
	A47	US- 6,677,347	01-13-2004	Crooks et al.	
	A48	US- 6,677,348	01-13-2004	Heppner et al.	
	A49	US- 6,677,349	01-13-2004	Griesgraber	
	A50	US- 6,683,088	01-27-2004	Crooks et al.	
	A51	US- 6,696,465	02-24-2004	Dellaria et al.	
	A52	US- 6,706,728	03-16-2004	Hedenstrom, et al.	
	A53	US- 6,743,920	06-01-2004	Lindstrom, et al.	
	A54	US- 6,756,382	06-29-2004	Coleman, et al.	
	A55	US- 6,797,718	09-28-2004	Dellaria, et al.	
	A56	US- 6,818,650	11-16-2004	Griesgraber	

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 3 of 6

<b>Application Number</b>	<b>10/595066</b>
<b>Filing Date</b>	<b>August 12, 2004</b>
<b>First Named Inventor</b>	<b>Paul D. Wightman</b>
<b>Confirmation Number</b>	<b>2105</b>
<b>Attorney Case Number</b>	<b>59091US005</b>

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number <small>Doc. Number-(Kind Code if Known)</small>	Publication Date or Issue Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A57	US- 6,841,678	01-11-2005	Merli et al.	
	A58	US- 6,852,861	02-08-2005	Merli et al.	
	A59	US- 2002/0016332 A1	02-07-2002	Slade	
	A60	US- 2002/0055517 A1	05-09-2002	Smith	
	A61	US- 2002/0058674 A1	05-16-2002	Hedenstrom et al.	
	A62	US- 2002/0107262	08-08-2002	Lindstrom	
	A63	US- 2002/0110840 A1	08-15-2002	Tomai et al.	
	A64	US- 2003/0096835	05-22-2003	Crooks et al.	
	A65	US- 2003/0130299 A1	07-10-2003	Crooks et al.	
	A66	US- 2003/0133913 A1	07-17-2003	Tomai et al.	
	A67	US- 2003/0139364 A1	07-24-2003	Krieg et al.	
	A68	US- 2003/0144286	07-31-2003	Frenkel et al.	
	A69	US- 2003/0161797 A1	08-28-2003	Miller et al.	
	A70	US- 2003/0199538 A1	10-23-2003	Skwierczynski et al.	
	A71	US- 2004/0014779	01-22-2004	Gorden et al.	
	A72	US- 2004/0091491	05-13-2004	Kedl, et al.	
	A73	US- 2004/0106589 A1	06-03-2004	Webb et al.	
	A74	US- 2004/0132079	07-08-2004	Gupta, et al.	
	A75	US- 2004/0141950	07-22-2004	Noelle, et al.	
	A76	US- 2004/0147543	07-29-2004	Hays, et al.	
	A77	US- 2004/0162309	08-19-2004	Gorden, et al.	
	A78	US- 2004/0171086	09-02-2004	Fink, et al.	
	A79	US- 2004/0175336	09-09-2004	Egging, et al.	
	A80	US- 2004/0176367	09-09-2004	Griesgraber, et al.	
	A81	US- 2004/0180919	09-16-2004	Lee, et al.	
	A82	US- 2004/0181130	09-16-2004	Fox, et al.	
	A83	US- 2004/0181211	09-16-2004	Elliott, et al.	
	A84	US- 2004/0191833	09-30-2004	Fink, et al.	

**\*Examiner:****Date Considered:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 4 of 6

<b>Application Number</b>	<b>10/595066</b>
<b>Filing Date</b>	<b>August 12, 2004</b>
<b>First Named Inventor</b>	<b>Paul D. Wightman</b>
<b>Confirmation Number</b>	<b>2105</b>
<b>Attorney Case Number</b>	<b>59091US005</b>

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A85	US- 2004/0192585	09-30-2004	Fox, et al.	
	A86	US- 2004/0197865	10-07-2004	Gupta, et al.	
	A87	US- 2004/0202720	10-14-2004	Wightman, et al.	
	A88	US- 2004/0214851	10-28-2004	Birmachu, et al.	
	A89	US- 2005/0054590	03-10-2005	Averett	
	A90	US- 2005/0085500	04-21-2005	Gutman et al.	
	A91	US- 2005/0165236	07-28-2005	Colombo et al.	
	A92	US- 2005/245562	11-03-2005	Garcia-Echeverria et al.	
	A93	US- 2006/0100229	05-11-2006	Hays, et al.	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document-		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	PCT	WO 02/36592	05-10-2002			X
	B2	PCT	WO 05/018551	03-03-2005			
	B3	PCT	WO 05/018555	03-03-2005			
	B4	PCT	WO 05/018556	03-03-2005			
	B5	PCT	WO 05/020999	03-10-2005			
	B6	PCT	WO 05/032484	04-14-2005			
	B7	PCT	WO 05/048933	06-02-2005			
	B8	PCT	WO 05/048945	06-02-2005			
	B9	PCT	WO 05/051317	06-09-2005			
	B10	PCT	WO 05/051324	06-09-2005			
	B11	PCT	WO 05/054237	06-16-2005			
	B12	PCT	WO 05/054238	06-16-2005			
	B13	PCT	WO 05/066169	07-21-2005			
	B14	PCT	WO 05/066170	07-21-2005			
	B15	PCT	WO 05/066172	07-21-2005			
	B16	PCT	WO 05/076783	08-25-2005			

**\*Examiner:****Date Considered:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 5 of 6

Application Number	10/595066
Filing Date	August 12, 2004
First Named Inventor	Paul D. Wightman
Confirmation Number	2105
Attorney Case Number	59091US005

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document--		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
B17	PCT	WO 05/079195		09-01-2005			
B18	PCT	WO 05/094531		10-13-2005			
B19	PCT	WO 05/123079		12-29-2005			
B20	PCT	WO 05/123080		12-29-2005			
B21	PCT	WO 06/009832		01-26-2006			
B22	PCT	WO 06/009826		01-26-2006			
B23	PCT	WO 06/026760		03-09-2006			
B24	PCT	WO 06/028451		03-16-2006			
B25	PCT	WO 06/028545		03-16-2006			
B26	PCT	WO 06/028962		03-16-2006			
B27	PCT	WO 06/029115		03-16-2006			
B28	PCT	WO 06/031878		03-23-2006			
B29	PCT	WO 06/038923		04-13-2006			
B30	JP	9-208584		08-12-1997			
B31	JP	11-080156 A		03-26-1999			X
B32	JP	11-222432		08-17-1999			X
B33	JP	2000-247884 (abs)		09-12-2000			X
B34	EP	0 394 026		10-24-1990			
B35	EP	1 104 764		06-06-2001			

## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Bachman, et al, "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline", <u>J. Org. Chem.</u> , 15, pp 1278-1284 (1950).
	C2	Baranov, et al., <u>Chem. Abs.</u> 85, 94362, (1976).
	C3	Berényi, et al, "Ring Transformation of Condensed Dihydro-as-triazines", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).
	C4	Brennan, et al, "Automated Bioassay of Interferons in Micro-test Plates", <u>Biotechniques</u> , June/July, 78, 1983.
	C5	Chollet, et al, "Development of a Topically Active Imiquimod Formulation", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999)

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 6 of 6

<b>Application Number</b>	<b>10/595066</b>
<b>Filing Date</b>	<b>August 12, 2004</b>
<b>First Named Inventor</b>	<b>Paul D. Wightman</b>
<b>Confirmation Number</b>	<b>2105</b>
<b>Attorney Case Number</b>	<b>59091US005</b>

## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C6	Izumi, et al., "1 <i>H</i> -Imidazo[4,5- <i>c</i> ]quinoline Derivatives as Novel Potent TNF- <i>a</i> Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1 <i>H</i> -imidazo[4,5- <i>c</i> ]pyridines", <u>Bioorganic &amp; Medicinal Chemistry</u> , 11, pp 2541-2550 (2003)
	C7	Jain, et al, "Chemical and Pharmacological Investigations of Some $\omega$ -Substituted Alkylamino-3-aminopyridines", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).
	C8	Kedl, et al. "T Cells Compete for Access to Antigen-bearing Antigen-presenting Cells", <u>The Journal of Experimental Medicine</u> , Volume 192, October 16, 2000
	C9	Testerman, et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
	C10	Wozniak, et al, "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate <sup>1,2</sup> . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.

**\*Examiner:****Date Considered:**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.